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PATENT & TRADEMARK OFFICE

PATENT #4

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, Washington, DC 20231.

8/15/01
Date

Jeanne Connelly

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Walter Dixon III and Brian Murren
Application No. : 09/845,734 Confirmation No.: 3801
Filed : April 30, 2001
For : METHOD AND SYSTEM FOR VERIFYING A COMPUTER PROGRAM

Docket No. : 345708003US
Date : August 15, 2001

Commissioner for Patents
Washington, DC 20231

## TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed please find 17 sheets of formal drawings (Figures 1-17) for the above-identified application.

Respectfully submitted,
Perkins Coie LLP

Maurice J Pirio

Maurice J. Pirio
Registration No. 33,273

MJP:jc

Enclosures:
17 Sheets of Drawings

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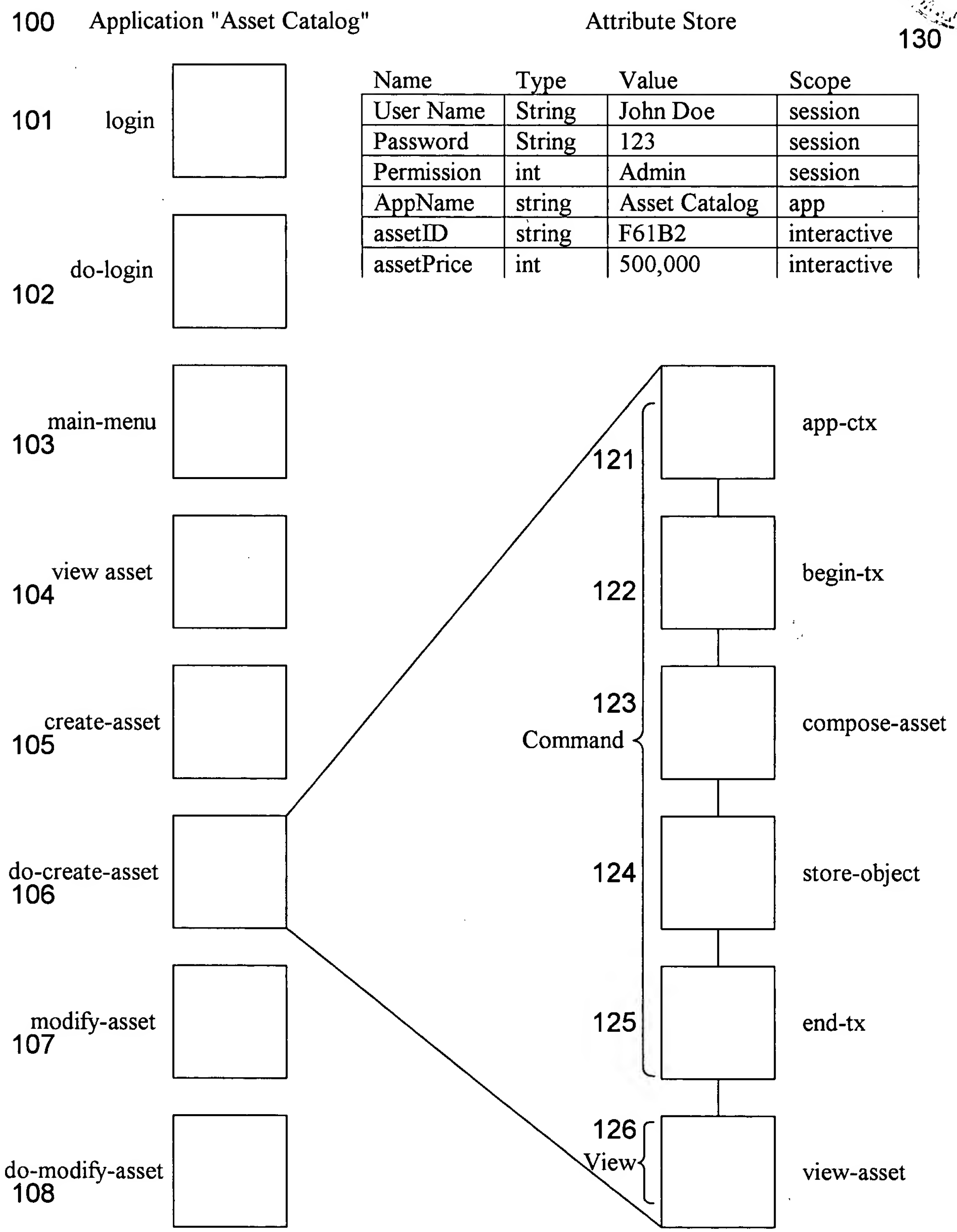
Q:\Clients\GE Capital\8003\formal drawings.doc

1 of 17



| Name | Type | Value | Scope |
|---|---|---|---|
| User Name | String | John Doe | session |
| Password | String | 123 | session |
| Permission | int | Admin | session |
| AppName | string | Asset Catalog | app |
| assetID | string | F61B2 | interactive |
| assetPrice | int | 500,000 | interactive |

*Fig. 1*

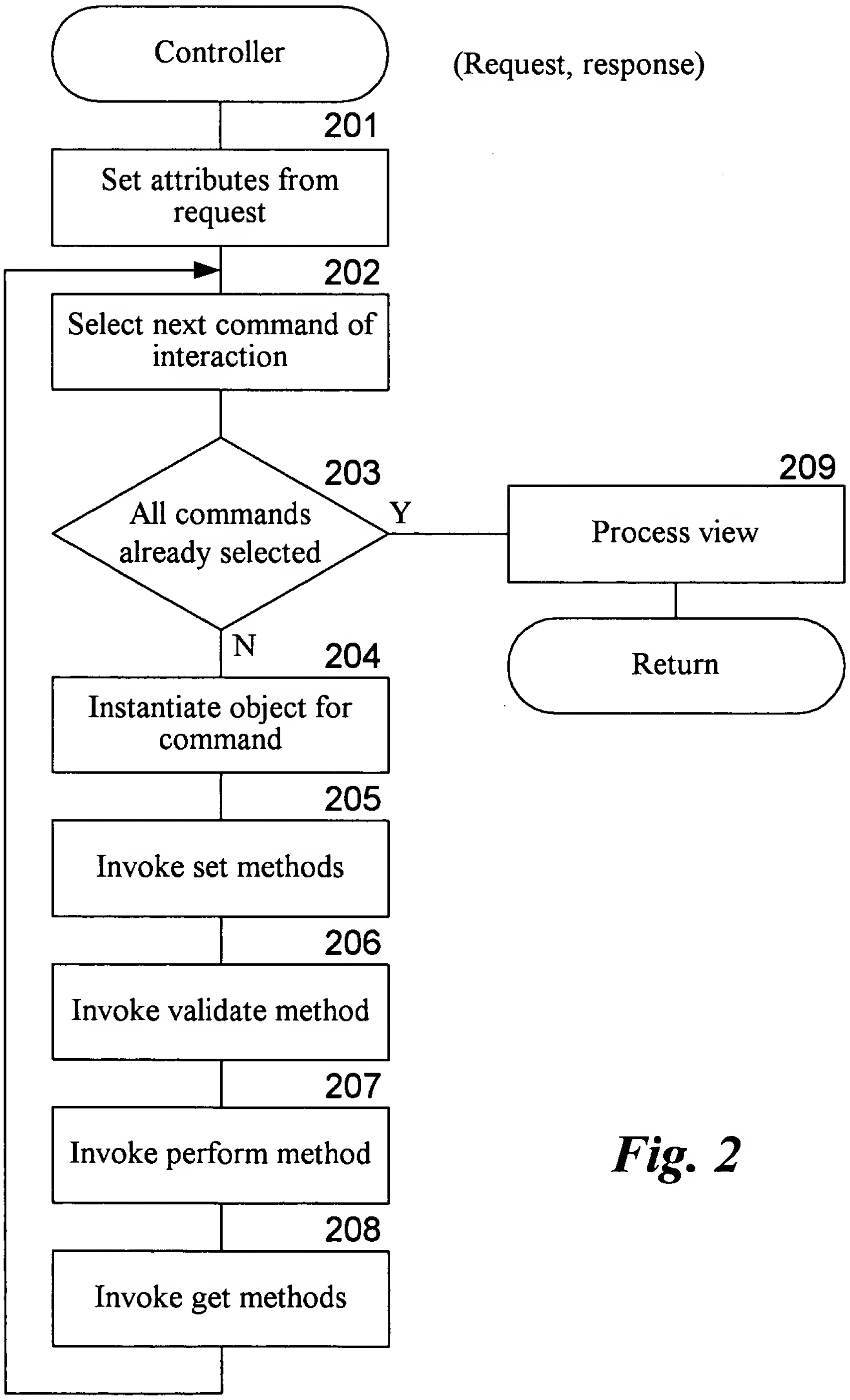

Controller
(Request, response)
201
Set attributes from request
202
Select next command of interaction
203
All commands already selected
Y
209
Process view
Return
N
204
Instantiate object for command
205
Invoke set methods
206
Invoke validate method
207
Invoke perform method
208
Invoke get methods

*Fig. 2*

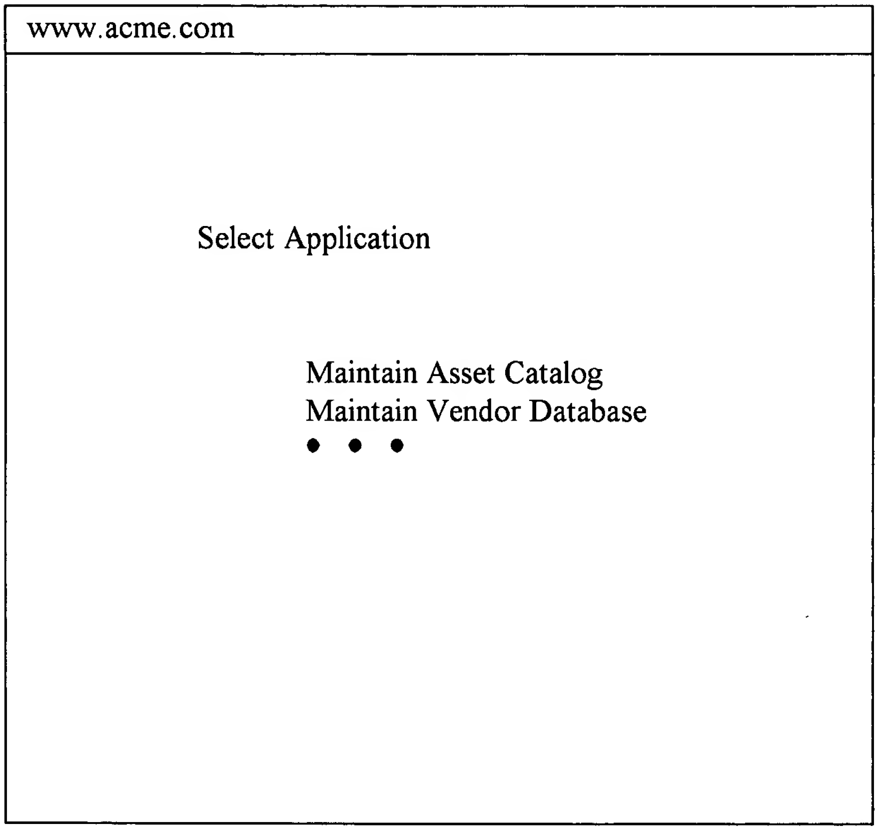
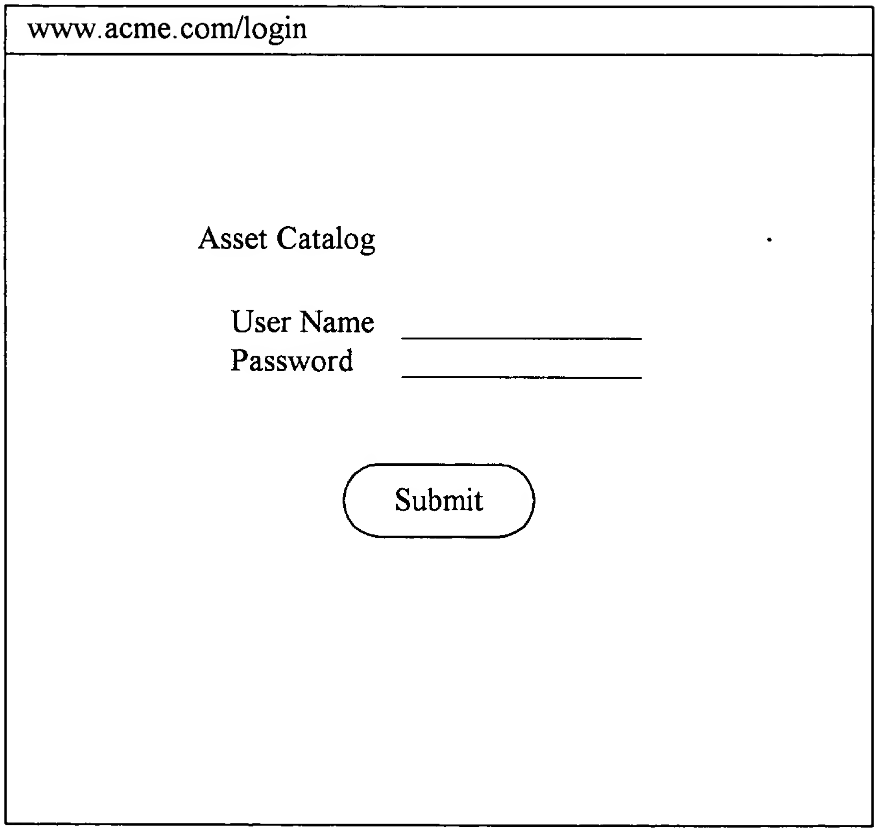

www.acme.com
Select Application
Maintain Asset Catalog
Maintain Vendor Database
• • •

Fig. 3



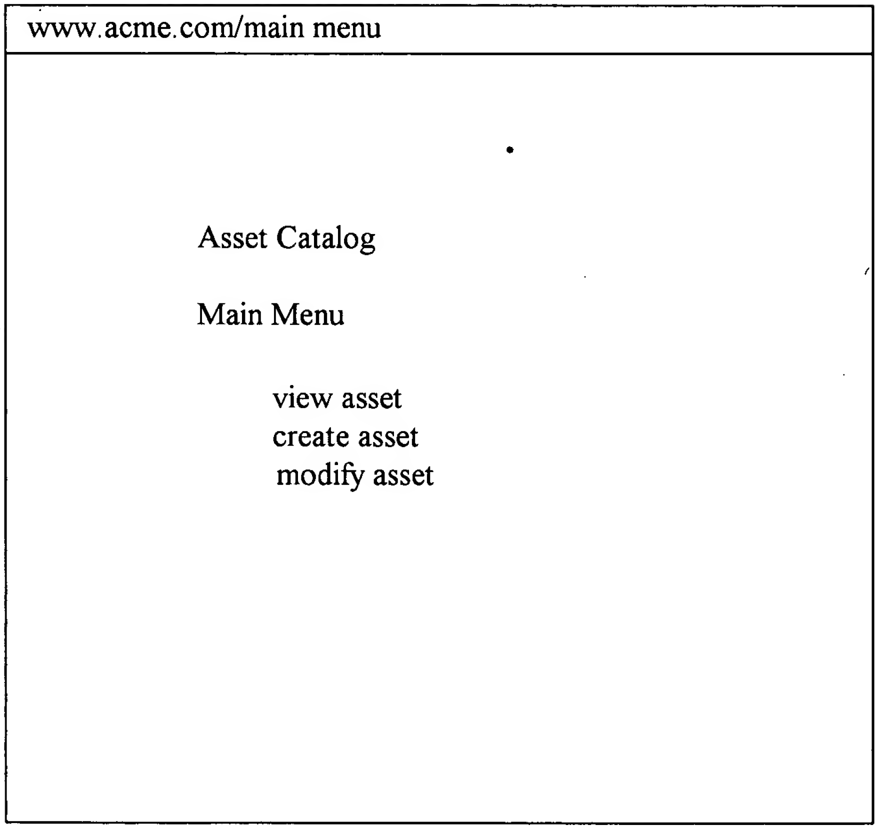
www.acme.com/login

Asset Catalog

User Name ________________

Password ________________

Fig. 4



www.acme.com/main menu

Asset Catalog

Main Menu

view asset
create asset
modify asset

Fig. 5

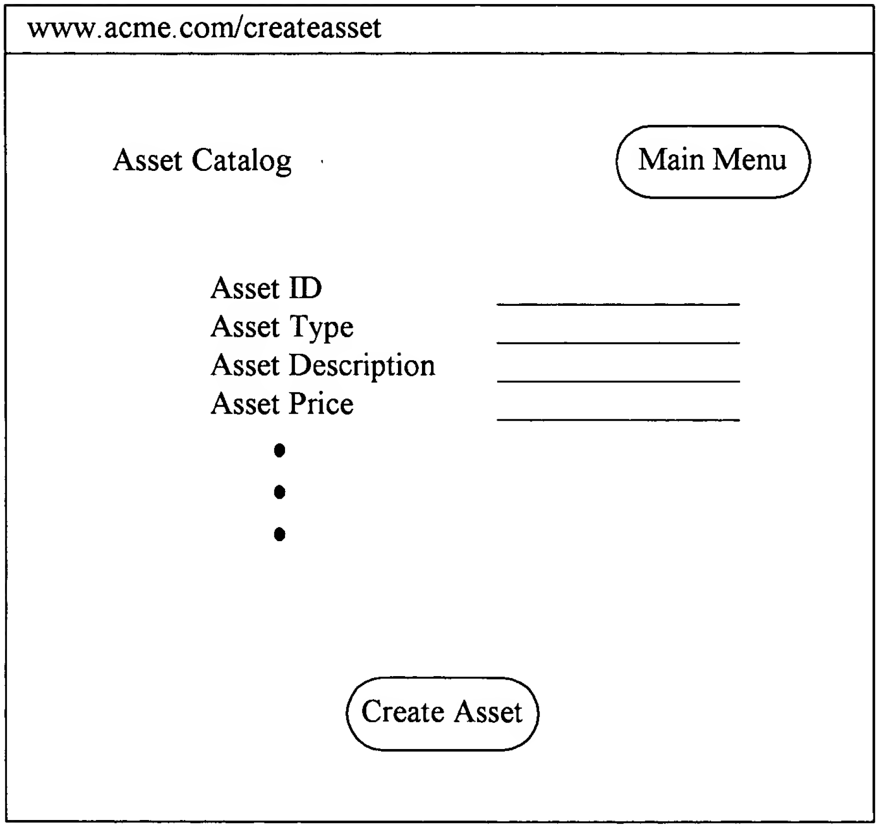

www.acme.com/createasset
Asset Catalog
Main Menu
Asset ID
Asset Type
Asset Description
Asset Price
Create Asset

Fig. 6

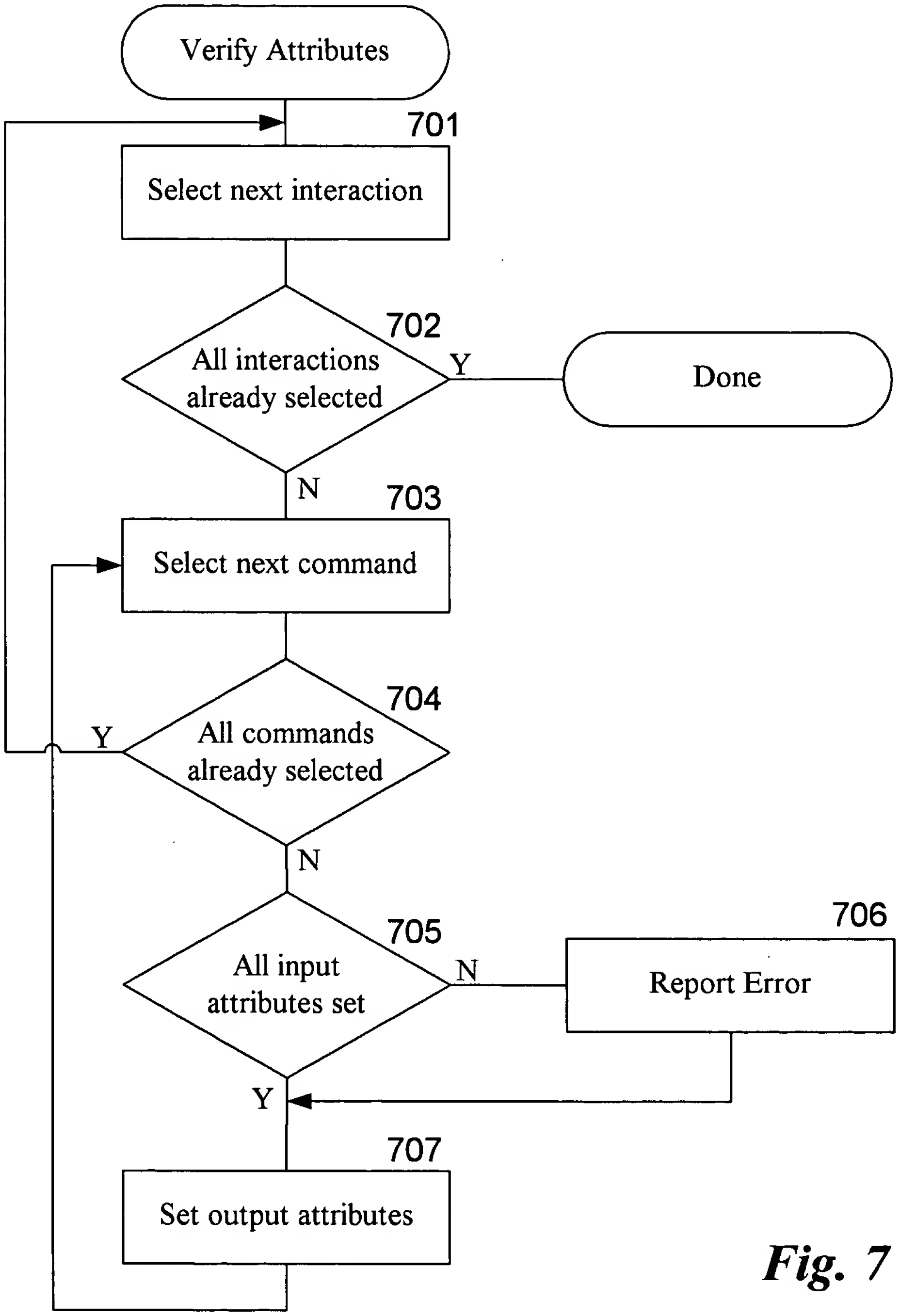

Verify Attributes
701
Select next interaction
702
All interactions already selected
Y
Done
N
703
Select next command
704
Y
All commands already selected
N
705
All input attributes set
N
706
Report Error
Y
707
Set output attributes

Fig. 7

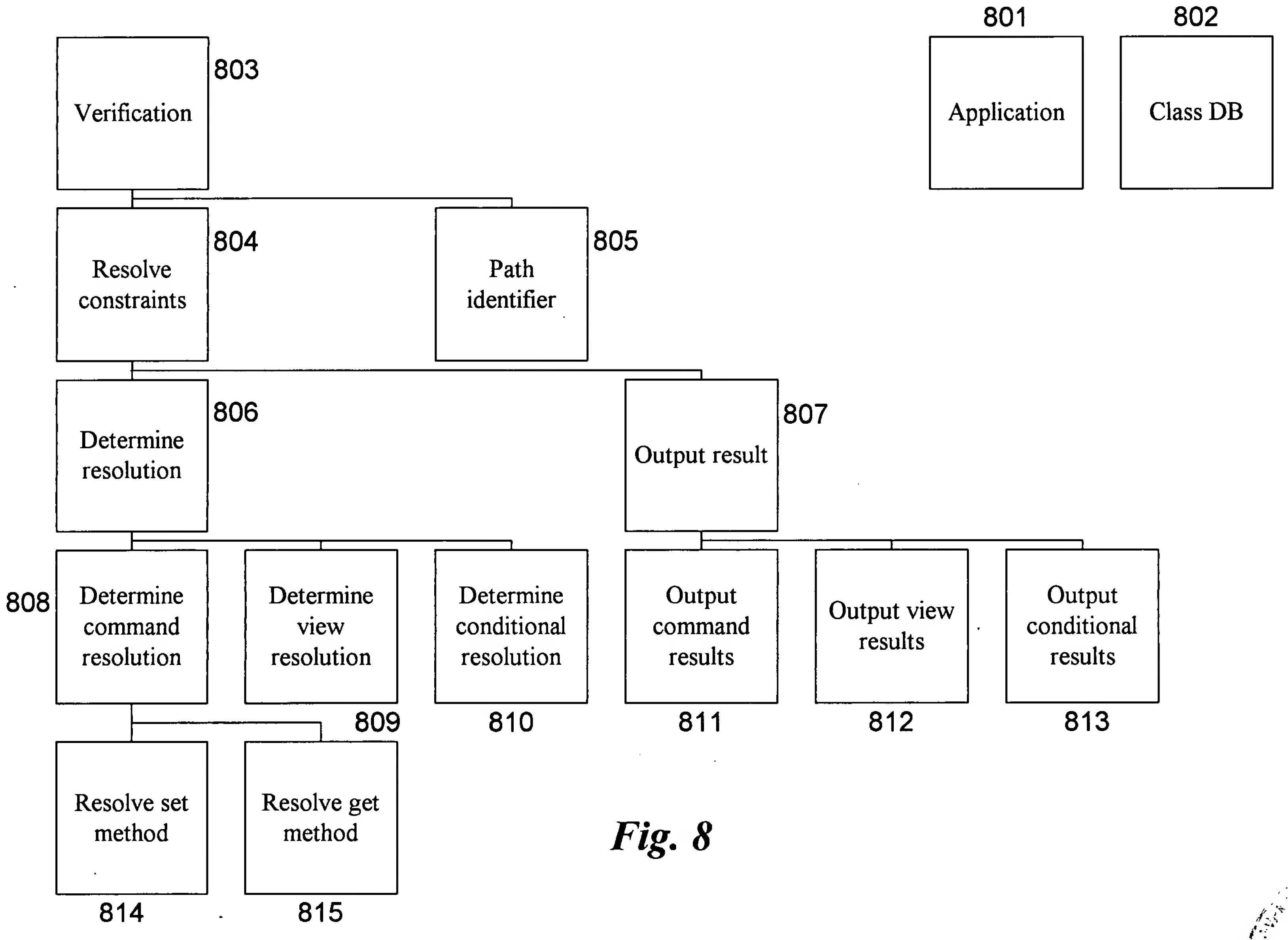

801
Application
802
Class DB
803
Verification
804
Resolve constraints
805
Path identifier
806
Determine resolution
807
Output result
808
Determine command resolution
Determine view resolution
809
Determine conditional resolution
810
Output command results
811
Output view results
812
Output conditional results
813
Resolve set method
814
Resolve get method
815

*Fig. 8*

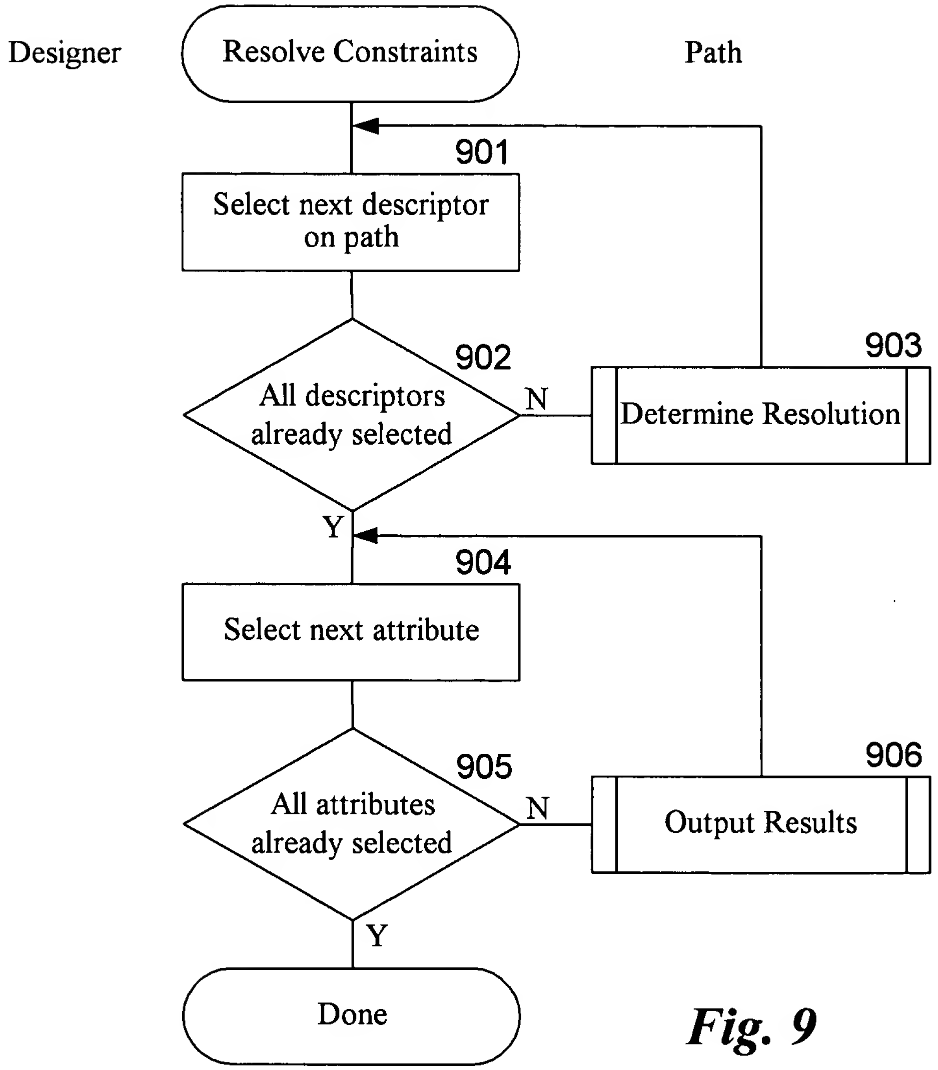

Designer
Resolve Constraints
Path
901
Select next descriptor on path
902
All descriptors already selected
N
903
Determine Resolution
Y
904
Select next attribute
905
All attributes already selected
N
906
Output Results
Y
Done

*Fig. 9*

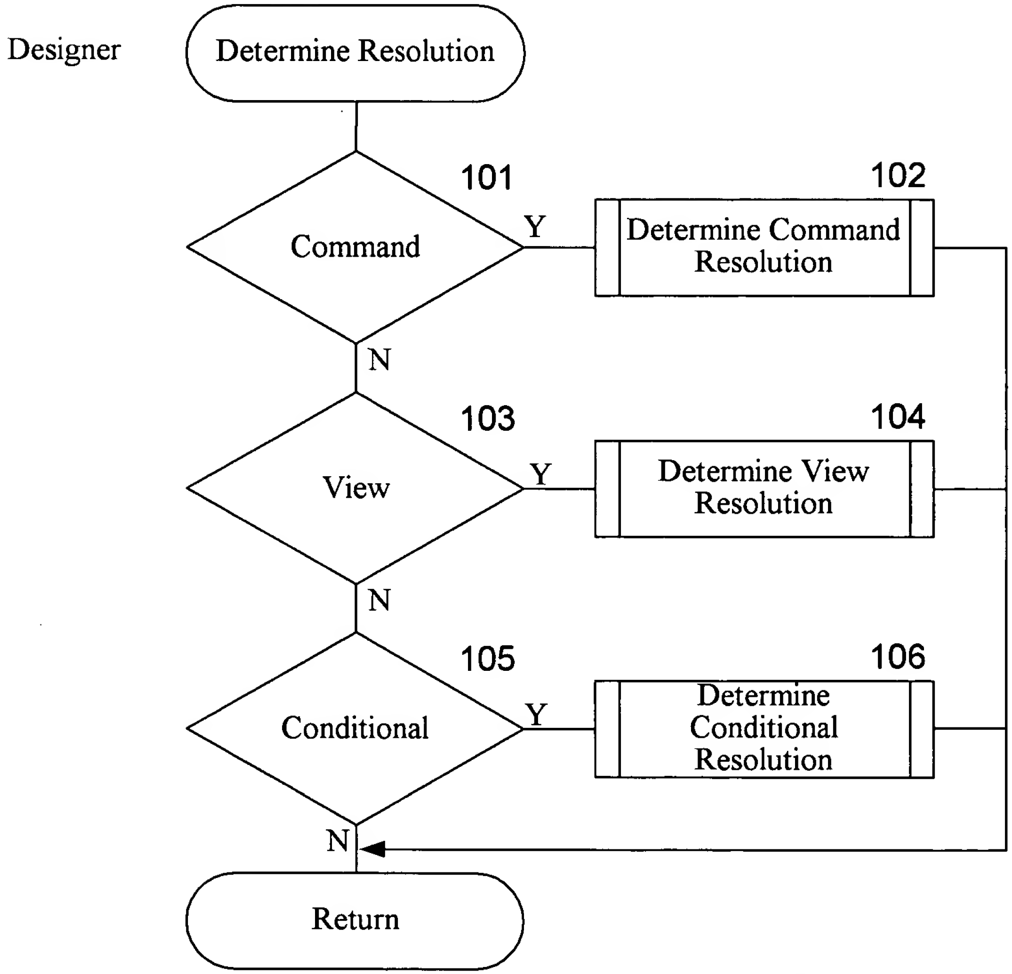

Designer
Determine Resolution
101
Command
Y
102
Determine Command Resolution
N
103
View
Y
104
Determine View Resolution
N
105
Conditional
Y
106
Determine Conditional Resolution
N
Return

*Fig. 10*

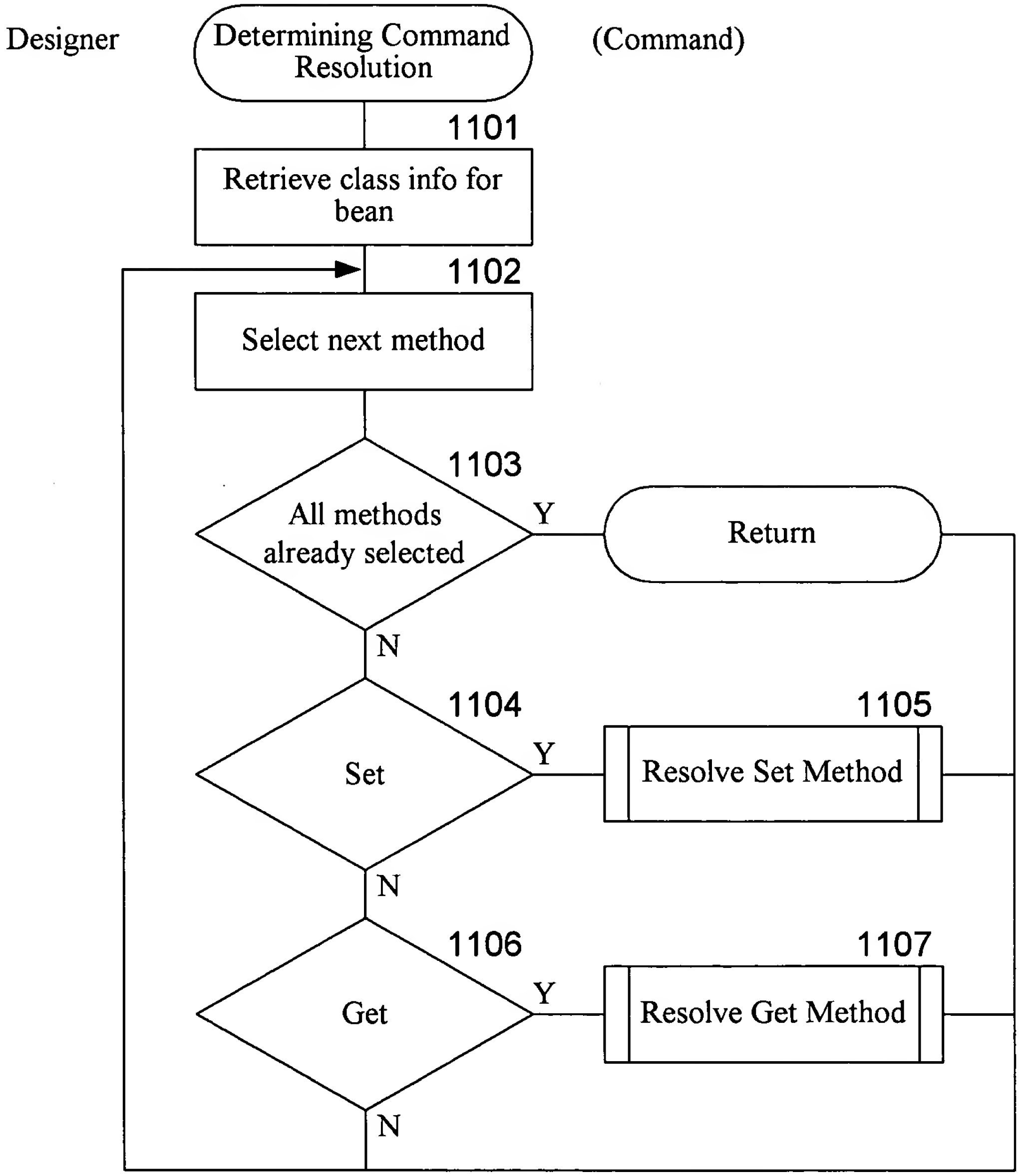

Designer
Determining Command Resolution
(Command)
1101
Retrieve class info for bean
1102
Select next method
1103
All methods already selected
Y
Return
N
1104
Set
Y
1105
Resolve Set Method
N
1106
Get
Y
1107
Resolve Get Method
N

*Fig. 11*

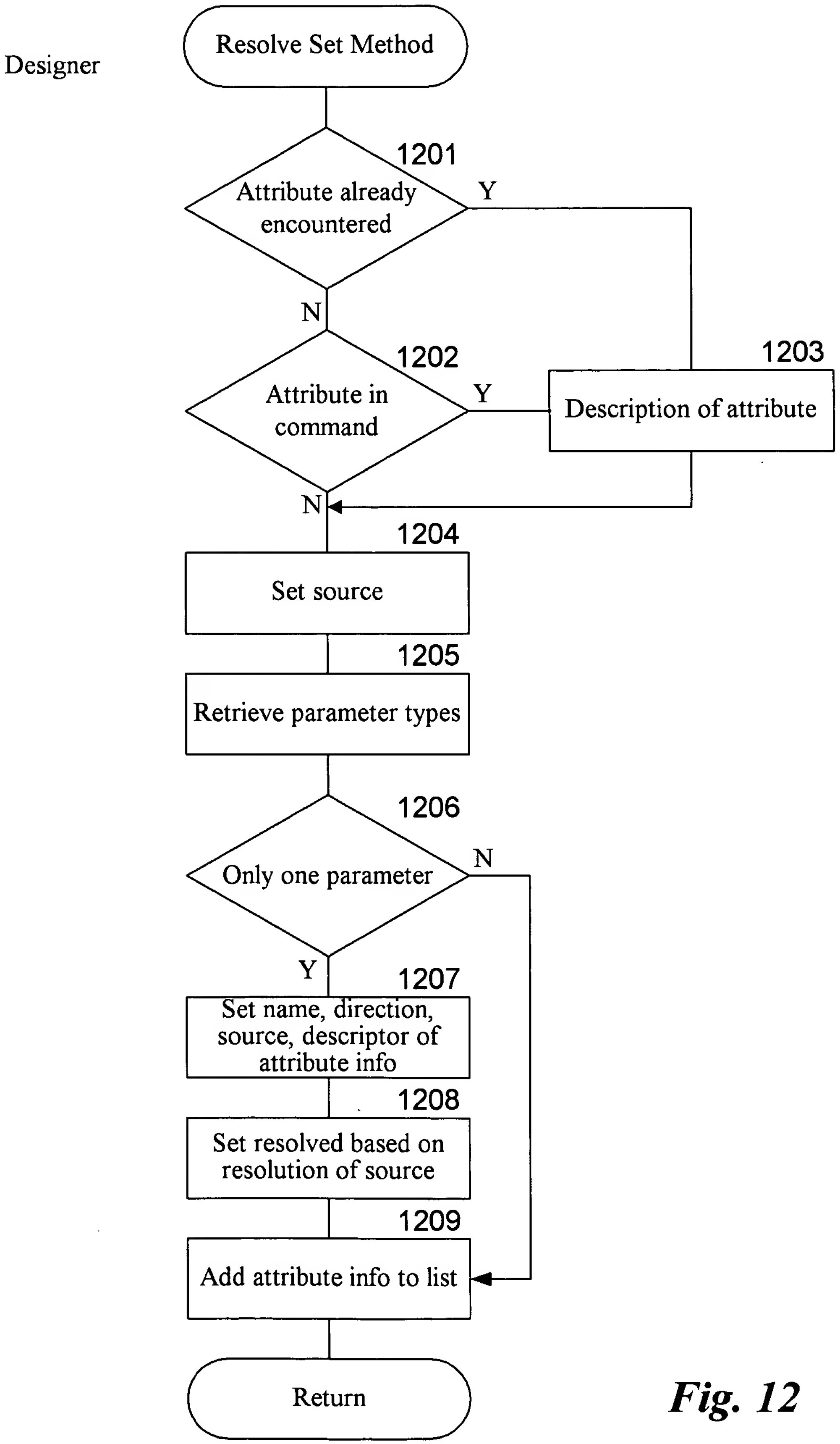

Designer
Resolve Set Method
1201
Attribute already encountered
Y
N
1202
Attribute in command
Y
1203
Description of attribute
N
1204
Set source
1205
Retrieve parameter types
1206
Only one parameter
N
Y
1207
Set name, direction, source, descriptor of attribute info
1208
Set resolved based on resolution of source
1209
Add attribute info to list
Return

*Fig. 12*

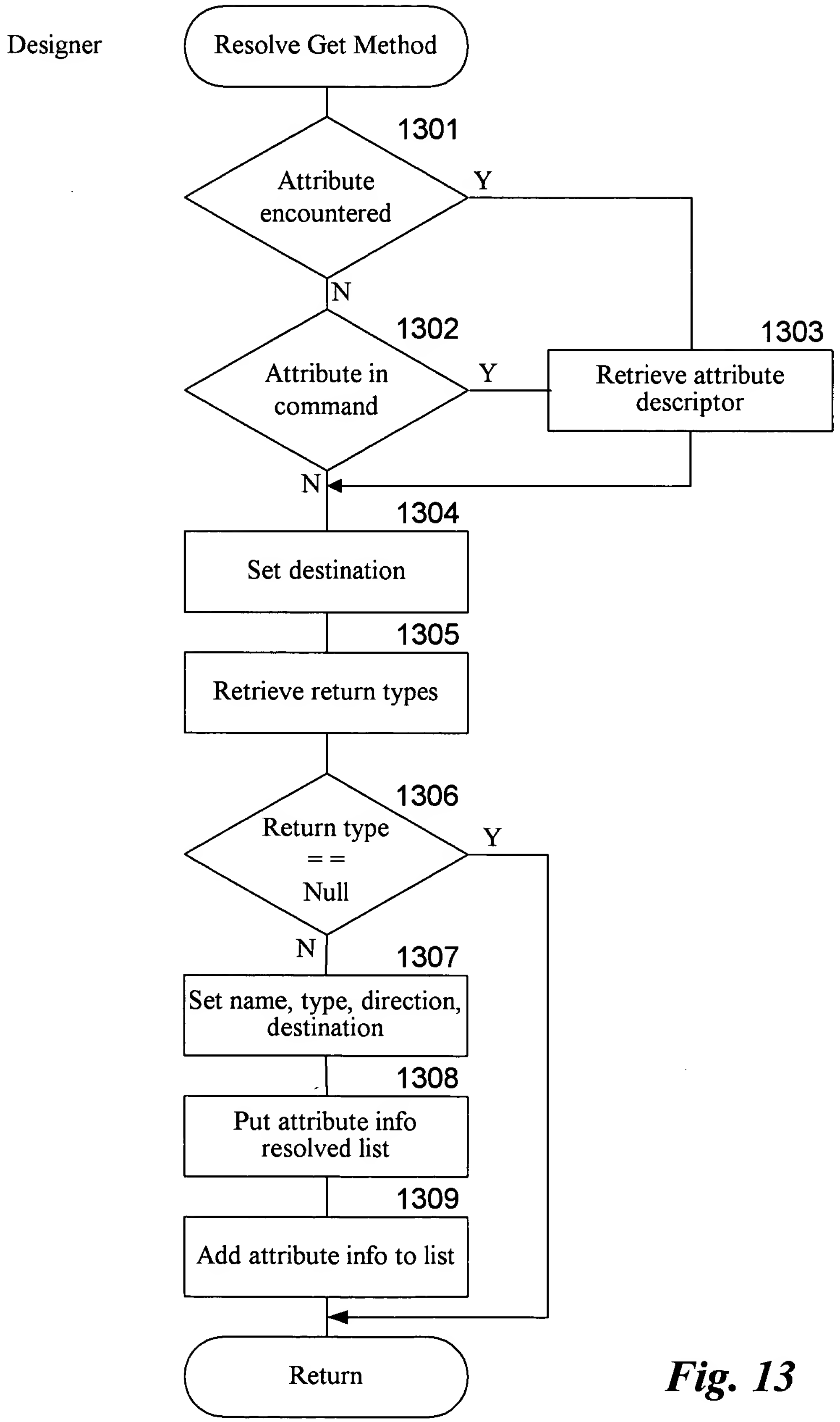

Designer
Resolve Get Method
1301
Attribute encountered
Y
N
1302
Attribute in command
Y
1303
Retrieve attribute descriptor
N
1304
Set destination
1305
Retrieve return types
1306
Return type == Null
Y
N
1307
Set name, type, direction, destination
1308
Put attribute info resolved list
1309
Add attribute info to list
Return

*Fig. 13*

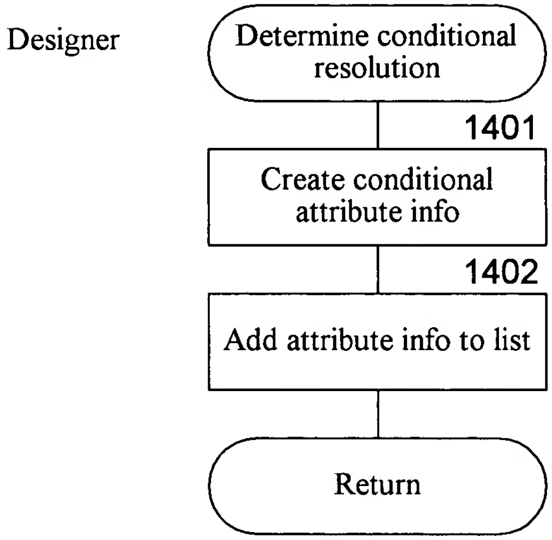

Designer
Determine conditional resolution
1401
Create conditional attribute info
1402
Add attribute info to list
Return

*Fig. 14*

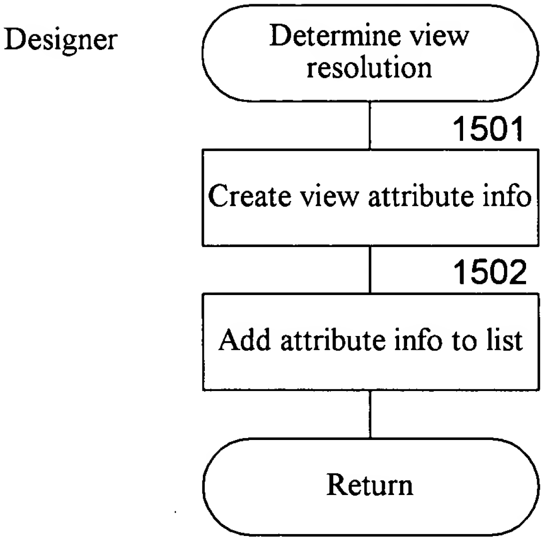

Designer
Determine view resolution
1501
Create view attribute info
1502
Add attribute info to list
Return

Fig. 15

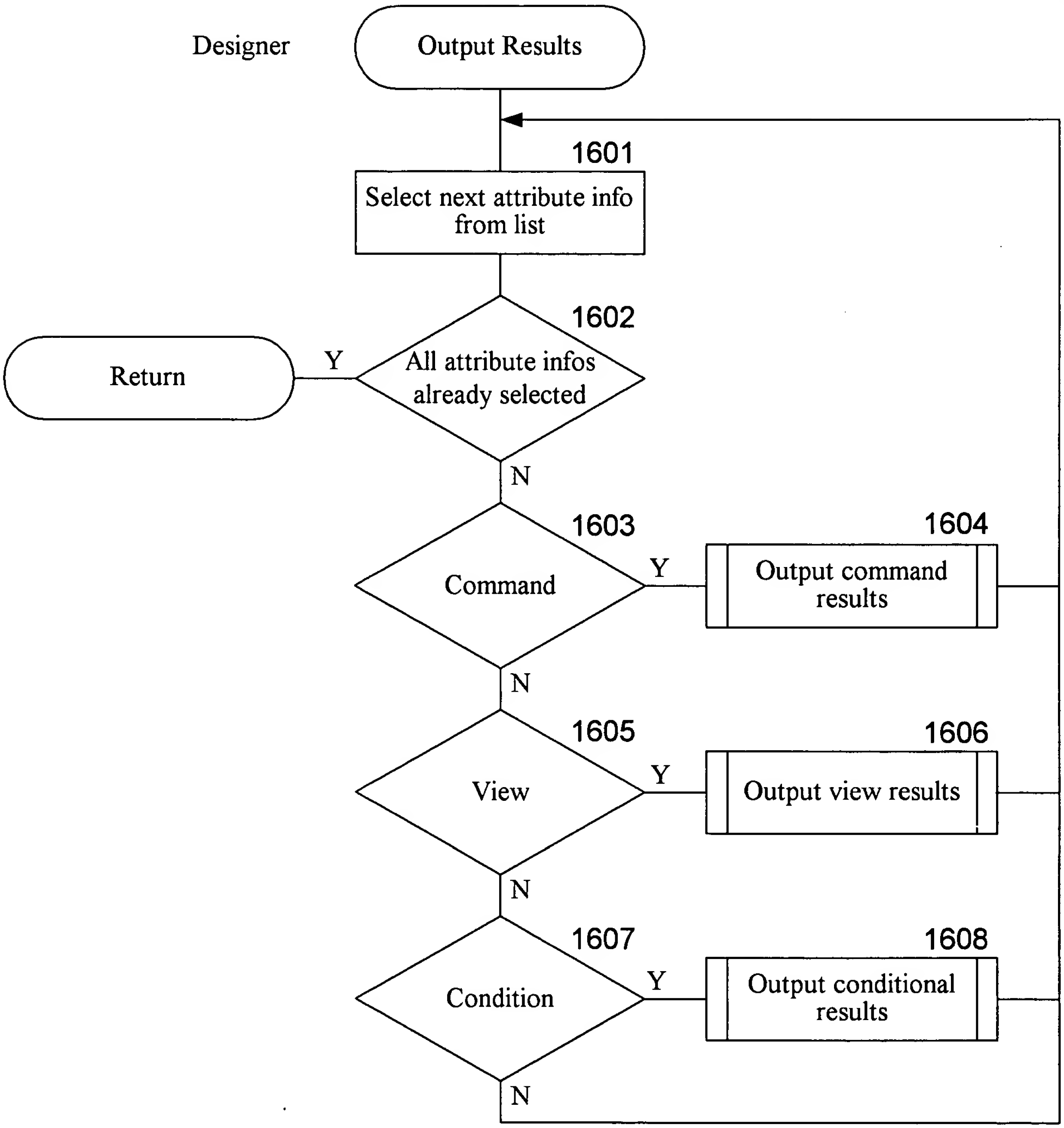

Designer
Output Results
1601
Select next attribute info from list
1602
All attribute infos already selected
Y
Return
N
1603
Command
Y
1604
Output command results
N
1605
View
Y
1606
Output view results
N
1607
Condition
Y
1608
Output conditional results
N

Fig. 16

17 of 17

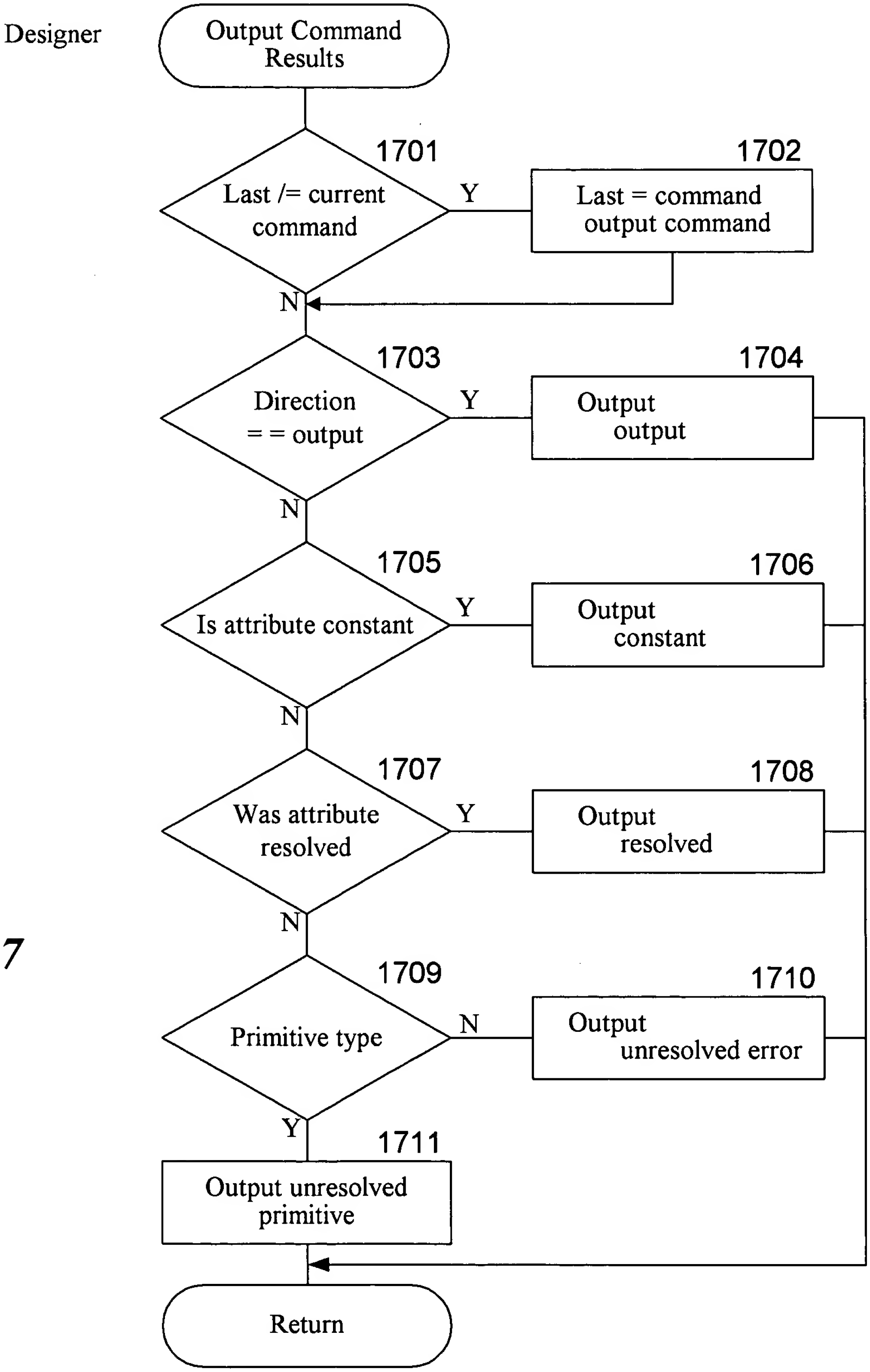


*Fig. 17*